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(54) Title: BREATHABLE NON-WETTABLE MELT-BLOWN NON-WOVEN MATERIALS AND PRODUCTS EMPLOYING THE SAME

(57) Abstract: Breathable non-wettable non-woven materials include a mass of melt-blown, non-woven fibers formed of a terpolymer of tetrafluroethylene, hexafluoropropylene and vinylidene fluoride monomers. Most preferably, the materials of the present invention are in the form of fabric structures which can be processed to form a variety of products for numerous end use applications, such as for garments, bandages, barrier vents, filter media and the like. In especially preferred form, the melt-blown non-woven fibers are comprised of a THV terpolymer formed of between about 30 to about 70 wt.% of tetrafluoroethylene monomer, between about 10 to about 20 wt.% of hexafluoropropylene monomer, and between about 20 to about 65 wt.% vinylidene fluoride monomer.



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